

2-29-56

STAT

TO: [redacted]  
FROM: [redacted]  
Subject: [redacted] *Adaptor*

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1. [redacted] was consulted and agreed to the use of the small evacuated type crystal in the subject unit instead of the Type FT-243. Please plan accordingly.

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[redacted]

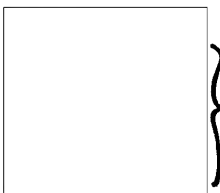
*This request withdrawn later - will use FT-243 type Xtal.*


*@m*

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

(23)

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Notes from discussion on  prototype. STAT

I. Use micro-switch as key - lighten up on spring.

II. Build two prototypes


III Use one BFO frequency - adjustable around 455 kc by  $\pm 5$  kc.

<sup>phone 2</sup>  
// IV Supply Delux ear piece for phones (Have to use ~~standard tips~~ ~~special connectors~~). splice in.

V Supply adapter for 7 pin miniature and octal tube sockets.

VI Antenna - ground connector - use studs with knurled caps swaged to prevent removal. (Similar to present gnd.)

VII Small knobs (will be supplied by D.C.)

VIII SS-03 output transformer -  has on order. STAT

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I Changes to be incorporated in prototype:

- (a) Move  $\downarrow$  far enough away from octal socket to permit use of "G" type tubes.
- (b) variable BFO frequency for use with receivers having IF other than 455 kc IF.
- (c) cable plug terminating at adapter - improved construction.
- (d) additional C to  $\downarrow$  for neon indicator - bayonet type socket.
- (e) antenna input - more accessible
- (f) headphone jacks - farther apart
- (g) BFO adjust - move away from xtal socket